

**Table 2 Agricultural Proposals**  
**Research and Development Projects (Section B)**

App.	Rank	Applicant	Project Title	Applicant Proposed Share	Funds Requested	Total Project Costs
4032	1	University of California, Davis	Monitoring Wetting Front Advance Rate for Irrigation Management in Flood Irrigated Alfalfa Production Systems	\$0	\$296,015	\$296,015
4089	2	Regent of the University of California	Benefits and Costs of Deficit Irrigation in Alfalfa	\$0	\$981,984	\$981,984
4070	3	University of California, Davis	Water Use Efficiency in Sacramento Valley Rice Cultivation	\$58,508	\$681,294	\$739,802
4063	4	California State University, Monterey Bay - Foundation	Characterizing Spatiotemporal Variations in Canopy Density, Soils, Climate, and Vineyard Water Balances to Derive Spatially-Explicit Irrigation Strategies: Developing of the VITicultural Information System (VITIS)	\$0	\$399,701	\$399,701
4115	5	University of California, Davis	California Regulated Deficit Irrigation Program and Remote Sensing to Quantify Evapotranspiration	\$1,453,600	\$1,432,398	\$2,885,998
4015	6	United States Department of Agriculture	Improved Water Use Efficiency for Vegetables Grown in the San Joaquin Valley	\$372,150	\$372,150	\$744,300
4046	7	University of California, Davis	Ground-Based Remote Sensing Technology for Improved Agricultural Water Use Efficiency In Furrow Irrigation systems	\$0	\$462,340	\$462,340
4047	8	California Poly Technic State University Foundation	Technology Transfer to Irrigation Districts	\$450,000	\$1,350,000	\$1,800,000
4133	9	Glenn Colusa Irrigation District	Regulating Reservoir Feasibility	\$51,400	\$257,000	\$308,400
4102	10	University of California, Davis	Updating Crop Coefficients Information to Improve Crop Water Estimation	\$90,900	\$298,058	\$388,958
4158	11	San Joaquin County Resources Conservation District	Expanded Mobile Irrigation Lab and Irrigation Workshops in Spanish	\$974,100	\$865,000	\$1,839,100
4166	12	Anderson-cottonwood Irrigation District	Churn Creek Lateral Improvement	\$5,000	\$144,000	\$149,000
4021	13	Deer Creek Irrigation District	Deer Creek Agricultural Water Use Efficiency Program Long-Term Ssystem Improvements Feasibility Investigation	\$0	\$368,332	\$368,332
4022	14	Orland Unit Water Users Association	Orland Project Regulating Reservoir Feasibility Investigation	\$8,000	\$168,153	\$176,153
4170	15	Biggs-West Gridley Water District	Regional Water Measurement Program	\$73,500	\$270,459	\$343,959
4126	16	Reclamation District 108	Reclamation/BWMP Cooperative Water Measurement Study	\$20,500	\$458,500	\$479,000
4095	17	Yolo County Resource Conservation District	Yolo/Colusa Mobile Water Lab : Integrating Water Quality into On-Farm Irrigation Water Management Improvements	\$58,320	\$414,085	\$472,405

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4096	18	Agricultural Water Management Council	Agricultural Water Management Informational Resources Directory	\$0	\$62,680	\$62,680
4101	19	University of California, Davis	California Irrigation Management Information System Phase II	\$0	\$3,587,859	\$3,587,859
4113	20	California State University, Fresno	Optimizing a Tailwater Return System to Improve Water Quality	\$102,219	\$1,027,779	\$1,129,998
4162	21	Reclamation District 108	Sacramento River BWMP Sub-Basni-Level Water ManagementProgram Demonstration Project	\$20,500	\$444,700	\$465,200
<b>The following proposals with Technical Scores below 70 were not considered for funding.</b>						
4016	22	Northeastern San Joaquin County	Eastern San Joaquin County: Agricultural Water Use Efficiency Feasibility Study	\$47,596	\$153,125	\$200,721
4159	23	Anderson-cottonwood Irrigation District	ACID Water Balance Study and Sprinkler Evaluation	\$100,000	\$200,000	\$300,000
4150	24	Water Education Foundation	Agricultural Water Use Efficiency Booklet and Workshops	\$0	\$167,579	\$167,579
4027	25	California State University, Fresno Foundation	Monitoring and Assessment of Soil Salinity, Boron, and Selineum in Drainage-Impacted Lands	\$100,000	\$192,872	\$292,872
4165	26	Western Shasta RCD	Demonstration Irrigation Ditch System	\$76,056	\$1,351,011	\$1,427,069
4037	27	Tehama County Resource Conservation District	Northern Sacramento Valley Mobile Irrigation Lab	\$74,348	\$421,312	\$472,057
4097	28	Agricultural Water Management Council	Investigation to Develop Aids to Support Formulation and Evalusion of System Automation Applications	\$0	\$283,900	\$283,900
4117	29	University of California, Davis	Development of Strategies to Enhance Water Use Efficiency and qualitiy Using field Studies and Modeling at the Regional Scale	\$291,313	\$1,421,980	\$1,713,293
4105	30	Agricultural Water Management Council	Investigation of Regulated Deficit Irrigation	\$0	\$90,675	\$90,675
4056	31	California State University, Fresno - Foundation	Development of a Standardized Procedure for Rapid Indentification and Quantification of Canal Seepage	\$54,088	\$215,196	\$269,284
4001	32	United States Department of Agriculture	Improved Management Practices for Water Use Efficiency in Floriculture Production	\$0	\$182,000	\$182,000
4106	33	Agricultural Water Management council	Agricultural WUE Monitoring and Evaluation Project	\$0	\$334,820	\$334,820
4167	34	California State University, Fresno Foundation	Pilot Water Meter Flow Testing and Certification	\$569,030	\$395,978	\$965,008
4120	35	National Heritage Institute	Sierra Foothill Vineyard: Promoting Water Management Practices for Public Benefits	\$0	\$218,228	\$218,228
4098	36	Rancho California Water District	Water Conservation Sustainable Agricultural Management (SAM) Project	\$113,500	\$886,378	\$921,039

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4060	37	West Hills Community College District	Remote Sensing Irrigation Schedule	\$885,132	\$1,036,688	\$1,921,800
4138	38	Glenn County, Department of Agriculture	Utilizing GIS-Based Pesticide Permitting Application to Facilitate Advancing Water Management	\$0	\$610,115	\$610,115
4068	39	West Hills Community College District	Irrigation Model Demonstration Farm	\$350,040	\$379,678	\$729,118
4123	40	Placer County Water Agency	Heritage Center Water-Wise Irrigation Demonstration Site Project	\$489,800	\$458,600	\$948,400
4023	41	California Avocado Commission	Water Use Efficiency Using ET Controllers: Research and Development of Irrigation Management Database System	\$264,000	\$888,918	\$1,152,918
4093	42	California State University, Chico Research Foundation	Development of Water Conservation Curriculum	\$0	\$186,218	\$186,218
4092	43	Water Education Foundation	Project Wet (Agricultural Focus)	\$0	\$469,704	\$469,704
4024	44	North West Kern Resource Conservation district	On-Farm Irrigation System Evaluations	\$87,500	\$50,000	\$137,500